

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for communicating between a client device and a peripheral device over a network that includes the peripheral device, the client device, and a server device adapted to control the peripheral device, wherein the method is performed by the client device, the method comprising:
 - creating a print job, wherein the print job is to be sent to the peripheral device;
 - determining, after the print job is created, a network address of the peripheral device by the client device in response to the creation of the print job, wherein the peripheral device has a network address that is not known to the client device, and wherein determining includes:
 - retrieving, after the print job is created, a first data file from the server device by the client device, wherein the first data file is a web page;
 - parsing, after the print job is created, by the client device the retrieved first data file into one or more portions, wherein the one or more portions comprise metatags, text blocks or sub-routines that have been extracted from the web page;
 - comparing, after the print job is created, by the client device the one or more portions of the retrieved first data file with a predetermined data formatting pattern indicative of a network address, wherein all of the metatags, text blocks or sub-routines are compared with the formatting pattern;

identifying, after the print job is created, by the client device one or more portions of the retrieved first data file as network addresses; and
determining, after the print job is created, by the client device if a network address is the network address of the peripheral device, wherein determining includes sending a communication over the network;
addressing, after determining the network address of the peripheral device, the peripheral device using the determined network address of the peripheral device, wherein addressing the peripheral device occurs after the communication has been sent over the network; and
communicating directly with the peripheral device, thereby bypassing the server device.

2. (Previously Presented) The method of claim 1, wherein said first data file includes the network address of the peripheral device, and wherein said step of determining the network address of the peripheral device comprises comparing portions of said first data file with said pattern.

3. (Previously Presented) The method of claim 2, wherein said step of determining the network address of the peripheral device further comprises recognizing a match between a portion of said first data file and said pattern, identifying the portion as a network address, and identifying said network address as being the network address of the peripheral device.

4. (Previously Presented) The method of claim 1, wherein said first data file includes the network address of a second data file associated with and including the network address of the peripheral device, and wherein said step of determining the network address of the peripheral device comprises:

retrieving the second data file from the server device, wherein the second data file is a web page;
identifying one or more portions of the retrieved second data file as potential network addresses; and
comparing portions of said second data file with said pattern.

5. (Previously Presented) The method of claim 4, wherein said step of determining the network address of the peripheral device further comprises recognizing a match between a potential network address of said second data file and said pattern, identifying the potential network address as a network address, and identifying said network address as being the network address of the peripheral device.

6. (Previously Presented) The method of claim 5, wherein said step of determining if a network address is the network address of the peripheral device further comprises testing said network address to determine whether said network address is the network address of the peripheral device.

7. (Original) The method of claim 6, wherein said testing comprises sending a command to said network address.

8. (Previously Presented) The method of claim 6, wherein said step of determining if a network address is the network address of the peripheral device further comprises identifying said network address as being the network address of the peripheral device as a result of said testing.

9. (Currently Amended) A memory readable by a machine embodying a program of instructions executable by the machine to facilitate communication between a client device and a peripheral device over a network that includes the peripheral device, the client device, and a server device adapted to control the peripheral device, the instructions being configured to:
- create a print job, wherein the print job is to be sent to the peripheral device;
 - determine, after the print job is created, a network address of the peripheral device by the client device in response to the creation of the print job, wherein the peripheral device has a network address that is not known to the client device, and wherein determining includes:
 - retrieving, after the print job is created, a first data file from the server device by the client device, wherein the first data file is a web page;
 - parsing, after the print job is created, by the client device the retrieved first data file into one or more portions, wherein the one or more portions comprise metatags, text blocks or sub-routines that have been extracted from the web page;
 - comparing, after the print job is created, by the client device the one or more portions of the retrieved first data file with a predetermined data formatting pattern indicative of a network address, wherein all of the metatags, text blocks or sub-routines are compared with the formatting pattern;
 - identifying, after the print job is created, by the client device one or more portions of the retrieved first data file as network addresses; and
 - determining, after the print job is created, by the client device if a network address is the network address of the peripheral device, wherein determining includes sending a communication over the network;

address, after determining the network address of the peripheral device, the peripheral device using the determined network address of the peripheral device, wherein addressing the peripheral device occurs after the communication has been sent over the network; and
communicate directly with the peripheral device, thereby bypassing the server device.

10. (Previously Presented) The memory of claim 9, wherein said first data file includes the network address of the peripheral device, and wherein said step of determining the network address of the peripheral device comprises comparing portions of said first data file with said pattern.

11. (Currently Amended) The memory of claim 10, wherein ~~said step of~~ determining the network address of the peripheral device further comprises recognizing a match between a portion of said first data file and said pattern, identifying the portion as a network address, and identifying said network address as being the network address of the peripheral device.

12. (Currently Amended) The memory of claim 9, wherein said first data file includes the network address of a second data file associated with and including the network address of the peripheral device, and wherein ~~said step of~~ determining the network address of the peripheral device comprises:

retrieving the second data file from the server device, wherein the second data file is a web page;
identifying one or more portions of the retrieved second data file as potential network addresses; and
comparing portions of said second data file with said pattern.

13. (Currently Amended) The memory of claim 12, wherein ~~said step of~~ determining the network address of the peripheral device further comprises recognizing a match between a potential network address of said second data file and said pattern, identifying the potential network address as a network address, and identifying said network address as being the network address of the peripheral device.

14. (Currently Amended) The memory of claim 13, wherein ~~said step of~~ determining if a network address is the network address of the peripheral device further comprises testing said network address to determine whether said network address is the network address of the peripheral device.

15. (Previously Presented) The memory of claim 14, wherein said testing comprises sending a command to said network address.

16. (Currently Amended) The memory of claim 14, wherein ~~said step of~~ determining if a network address is the network address of the peripheral device further comprises identifying said network address as being the network address of the peripheral device as a result of said testing.

17. (Currently Amended) A computing device for communicating with a peripheral device over a network that includes the peripheral device, the computing device, and a server device adapted to control the peripheral device, comprising:

means for creating a print job, wherein the print job is to be sent to the peripheral device;

means for determining, after the print job is created, a network address of the peripheral device by the client device in response to the creation of the print job, wherein the peripheral device has a network address that is not known to the client device, and wherein determining includes:

- retrieving, after the print job is created, a first data file from the server device by the client device, wherein the first data file is a web page;
- parsing, after the print job is created, by the client device the retrieved first data file into one or more portions, wherein the one or more portions comprise metatags, text blocks or sub-routines that have been extracted from the web page;
- comparing, after the print job is created, by the client device the one or more portions of the retrieved first data file with a predetermined data formatting pattern indicative of a network address, wherein all of the metatags, text blocks or sub-routines are compared with the formatting pattern;
- identifying, after the print job is created, by the client device one or more portions of the retrieved first data file as network addresses; and
- determining, after the print job is created, by the client device if a network address is the network address of the peripheral device, wherein determining includes sending a communication over the network;

means for addressing, after determining the network address of the peripheral device, the peripheral device using the determined network address of the peripheral device, wherein addressing the peripheral device occurs after the communication has been sent over the network; and

means for communicating directly with the peripheral device, thereby bypassing the server device.

18. (Previously Presented) The computing device of claim 17, wherein said first data file includes the network address of the peripheral device, and wherein said means for determining the network address of the peripheral device comprises comparing portions of said first data file with said pattern.

19. (Previously Presented) The computing device of claim 18, wherein said means for determining the network address of the peripheral device further comprises means for recognizing a match between a portion of said first data file and said pattern, means for identifying the portion as a network address, and means for identifying said network address as being the network address of the peripheral device.

20. (Previously Presented) The computing device of claim 17, wherein said first data file includes the network address of a second data file associated with and including the network address of the peripheral device, and wherein said means for determining the network address of the peripheral device comprises:

means for retrieving the second data file from the server device, wherein the second data file is a web page;

means for identifying one or more portions of the retrieved second data file as potential network addresses; and

means for comparing portions of said second data file with said pattern.

21. (Previously Presented) The computing device of claim 20, wherein said means for determining the network address of the peripheral device further comprises means for recognizing a match between a potential network address of said second data file and said pattern, means for identifying the potential network address as a network address, and means for identifying said network address as being the network address of the peripheral device.

22. (Previously Presented) The computing device of claim 21, wherein said means for determining if a network address is the network address of the peripheral device further comprises means for testing said network address to determine whether said network address is the network address of the peripheral device.

23. (Previously Presented) The computing device of claim 22, wherein said means for testing comprises means for sending a command to said network address.

24. (Previously Presented) The computing device of claim 22, wherein said means for determining if a network address is the network address of the peripheral device further comprises means for identifying said network address as being the network address of the peripheral device as a result of the determination performed by said means for testing.

25. (Previously Presented) The method of claim 1, wherein the first data file is a network logical printer web page.

26. (Previously Presented) The method of claim 1, wherein the first data file is a custom network logical printer web page.

27. (Previously Presented) The method of claim 1, wherein the first data file is an embedded device web page.

28. (Previously Presented) The method of claim 4, wherein the second data file is an embedded device web page.

29. (Previously Presented) The method of claim 28, wherein the first data file is a network logical printer web page.

30. (Previously Presented) The method of claim 28, wherein the first data file is a printing services web page.

31. (Previously Presented) The method of claim 1, wherein the peripheral device is a multi-function peripheral (MFP) communication.

32. (Previously Presented) The method of claim 1, wherein the print job is a device management protocol.

33. (Previously Presented) The method of claim 1, wherein determining by the client device if a network address is the network address of the peripheral device comprises pinging the peripheral device.

34. (Previously Presented) The method of claim 1, wherein determining by the client device if a network address is the network address of the peripheral device comprises issuing a Simple Network Management Protocol (SNMP) query to the peripheral device.

35. (Currently Amended) A method for communicating between a client device and a peripheral device over a network that includes the peripheral device, the client device, and a server device adapted to control the peripheral device, wherein the peripheral device is a multi-function peripheral (MFP), wherein the method is performed by the client device, the method comprising:

- creating a print job, wherein the print job is to be sent to the peripheral device;
- determining, after the print job is created, a network address of the peripheral device by the client device in response to the creation of the print job, wherein the peripheral device has a network address that is not known to the client device, and wherein determining includes:
 - retrieving, after the print job is created, a first data file from the server device by the client device, wherein the first data file is a web page, wherein the web page is a network logical printer web page, a custom network logical printer web page, or an embedded device web page;
 - parsing, after the print job is created, by the client device the retrieved first data file into one or more portions, wherein the one or more portions comprise metatags, text blocks or sub-routines that have been extracted from the web page;
 - comparing, after the print job is created, by the client device the one or more portions of the retrieved first data file with a predetermined data formatting pattern indicative of a network address, wherein all of the metatags, text blocks or sub-routines are compared with the formatting pattern;

recognizing, after the print job is created, a match between a portion of said first data file and said pattern;

identifying, after the print job is created, by the client device one or more portions of the retrieved first data file as network addresses;

retrieving, after the print job is created, a [[the]] second data file from the server device, wherein the second data file is a web page;

identifying, after the print job is created, one or more portions of the retrieved second data file as potential network addresses; and comparing portions of said second data file with said pattern;

recognizing, after the print job is created, a match between a potential network address of said second data file and said pattern; and

determining, after the print job is created, by the client device if a network address is the network address of the peripheral device, wherein determining includes sending a communication over the network, wherein sending the communication comprises one of the following:

- a Simple Network Management Protocol (SNMP) query to the peripheral device;
- pinging the peripheral device; or
- sending a command to the peripheral device;

addressing, after determining the network address of the peripheral device, the peripheral device using the determined network address of the peripheral device, wherein addressing the peripheral device occurs after the communication has been sent over the network; and

communicating directly with the peripheral device, thereby bypassing the server device.